DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION As a below named inventor, I hereby declare that:

ELECTRONIC CONTRACTS WITH PRIMARY AND SPONSORED ROLES

٠

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification of which (che	ck one)			
X is attached hereto.				
was filed on	as United States Appli	cation Number		
or PCT International App	olication Number			
and was amended on	(if applical	ole)		
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.				
I amknowledge the duty to discl		al to the patentability of this a	application in	
foreign application(s) for pate	nt or inventor's certificate, o	d States Code, \$119(a)-(d) or \$36 r \$365(a) of any PCT Internations ates, listed below and have also entor's certificate, or PCT Inter on on which priority is claimed:	al application identified below.	
Prior Foreign Application(s)			Priority Claimed	
(Number)	(Court or)	(Day/Month/Year Filed)	Yes No	
_ La	(Country)		Yes No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No	
(Number)	(Country)	(Day/Month/Year Filed)		
I Nereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(s) listed below.				
(Application Number)	(Filing Date)	_		
(Application Number)	(Filing Date)	_		
I hereby claim the benefit under 35 U.S.C. \$120 of any United States Application(s), or \$365(c) of any ECT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of \$5 U.S.C. \$112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR \$1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:				
(Application Serial No.)	(Filing Date)	(Status) (patented, pendi	ng, abandoned)	
(Application Serial No.)	(Filing Date)	(Status) (patented, pendi	ng, abandoned)	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.				
POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).				
Manny W. Schecter (Reg. 31,722), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Stanley B. Green (Reg. 24,351), Richard M. Ludwin (Reg. 33,010), Marc A. Erlich (Reg. 39,966), Douglas W. Cameron (Reg. 31,596), Louis P. Herzberg (Reg. 41,500), Marian Underweiser (Reg. 46,134), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 30,531), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Robert P. Tassinari, Jr. (Reg. 36,030), Paul J. Otterstedt (Reg. 37,411), Derek S. Jennings (Reg. No. 41,473) and Timothy M. Farrell (Reg. No. 37,221).				
Send Correspondence to: Gail H. Zarick, IBM CORPORATION, Intellectual Property Law Dept. P.O. Box 218, Yorktown Heights, New York 10598				
Direct Telephone Calls to: (name and telephone number) Gail H. Zarick (914) 945-3701				
Asit Dan				
Full name of sole or first inventor				
T		Date		
Inventor's Signature				
6 Heritage Drive, Pleasantville, New York 10570 Residence				
India				
Citizenship				
Same as above				
Post Office Address				

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Gautam Kar	
Full name of second joint-inventor, if any	
Inventor's signature	Date
211 Sara Court, Yorktown Heights, New York 10598	
Residence	
USA	
Citizenship	
Same as above Post Office Address	
fault:	
Alexander Keller	
Full name of third joint inventor, if any	
Inventor's Signature	Date
7to Mamaroneck Avenue, Apt. 1414, Mamaroneck, New York 10543	
Residence	
Germany	
Citizenship	
Same as above	
Post Office Address	
Heiko Hary Ludwig	
Full name of fourth joint-inventor, if any	
Inventor's signature	Date
235 W 102nd Street, Apt. 10 Q, New York, New York 10025	
Residence	
Germany	
Citizenship	
Same as above	
Post Office Address	
Full name of fifth joint inventor, if any	
Inventor's Signature	Date
Residence	
Citizenship	
Same as above Post Office Address	
1000 111100 111111111111111111111111111	
Full name of sixth joint-inventor, if any	
Full hame of sixth joint-inventor, it any	
	Date
Inventor's signature	Date
Powidows	
Residence	
Citizenship	
Same as above Post Office Address	
1000 OTTICC MUSICOS	